



About the Northland CAPS Innovation Education Partnership

**Presented at the
Missouri Department of Higher Education's
Blueprint for Higher Education Commission Hearing 6**

Session: "Evolving Concepts in Education Delivery"

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3 focal points

Overview: Who, what and how

Fast facts

Q & A

Focal point 1

Overview: Who, what and how

**Who constitutes the
Northland CAPS**

Innovation Education Partnership?

Northland CAPS

Northland
Center for **Advanced Professional Studies**



www.northlandcaps.org

7 school districts



2 higher education providers



200+ business partners

Business partners

360 Architects
AbPathfinder and Greentree
Accelerant Innovations
ACI Boland Architects
Adknowledge
Affinity Management Group
Alpha Graphics
Argosy Casino
Arkema
Arvest Bank
Austin Iron Works
BankLiberty
Barkley
BHC Rhodes
Big Bang
Blue Cross Blue Shield
Board Docs
Boehringer Ingelheim
Boost Physical Therapy
Boys & Girls Club KC
Briarcliff Chapel
Carroll Parts
CBC Real Estate Group
Center for Entrepreneurial Ecosystem Development
Cerner
Children's Mercy Hospital
Cisco
City of Gladstone
City of Kansas City
City of Riverside
Clay County EDC
Commerce Bank
CRB Engineers, Inc.
DST
Eagle Animal Hospital
Earthworks/Exchange City
Edward Jones
Engage Mobile
Exhibit Associates
Financial Avenues LLC
First Missouri Bank
Fishnet Securities
FolioMatch
Ford Motor Company
Gary Crossley Ford
Gastinger Walker Harden + BeeTriplett
Buck

General Electric Company
Gladstone Community Center
Google
Grafton Staffing Companies
Greater Kansas City Community Foundation
Habitat for Humanity Kansas City
Haldex Brake Products Corp
Hallmark
Harley Davidson Motor Company
Harmony Vineyard Church
Harvest Productions
Harvesters
Henderson Engineers Inc
Herzog
Hillcrest Transitional Housing
Hispanic Economic Development Corp
HNTB
HoeflerWysocki
Holland 1916
Hollis Miller
Honeywell Industries
Hope House
Hospice Advantage
Humana
Hunt Midwest
Industrial Spring Corporation
Informed Health Solutions
Ingredion
Innovative Networks
JE Dunn
Kansas City Area Development Council
Kansas City Hospice House
Kauffman Fasttrac
Kauffman Foundation
KC Aviation Department
KC Business Journal
KC Digital Drive
KC Manufacturing Network
KC Smartport
KC Sourcelink
KC Startup Village
KC Stem Alliance
KCFD
KCP&L
Kellogg
KU Medical Center
Langley Empire Candle Company

Liberty Hospital
Liberty Hospital Foundation
Lightedge
Lindsay Machine Works
LittleHoots
Lumen Touch
Magna
Manor Thrift Shop
Maple Woods Community College
Mastercard
Mayor's Office - Kansas City
McCown Gordon Construction
Mechanical Contractors Association KC
Meritas Health
Metro Air
Metropolitan Community College
Milbank Manufacturing
Mind Mixer
Missouri Kansas Supply (MKS)
Missouri Western State University
Mosaic Life Care
Mozilla Gigabit Community Fund | KC
MRI Global
Multivac
National Airline History Museum
National Marketing Resources
NetStandard
NextPage
Niles Media
North Kansas City Hospital
North Kansas City Business Council
North Point Development
NorthCare Hospice and Palliative Care
Northland Regional Ambulance District
Northwest Missouri State University
Olsson Associates
Oracle
Orange EV
Parkville Chamber of Commerce
Platte County EDC
Platte Valley Bank
Populous
Prep KC
Pro Circuit
ProAthlete
Propoganda 3
Rarewire
Reactor Design Studio

Reece and Nichols
Rockhurst University
Rockwell Labs Ltd
Rockwell Collins
Saint Luke's Health System
Scarborough International
Sophisticated Spirit
Sporting Innovations
Sporting KC
Sprint
Sprint Accelerator
Square Offs
Starrtek LLC
Steven D. Wolcott, Attorney at Law
Synergy Services
Techstars
The Flynt Group
The Lean Lab
The Logistics Store
The Purple Guys
Think Big Partners
TK Architects International
Tnemec Company
Tradebot
Tri-lateral Sales, Inc.
Trinity Logistics
Triple I
Truman Medical Center
Tucker Leadership Lab
UMB Bank
UMKC
US Engineering Company
Validity
Vandergren Inc
Vanguard Packaging
Vari-form
Veterinary Center of Liberty
Vinsolutions
VML
Voltage Creative, LLC
VolunteerMark LLC
William Jewell College
WireCo
Zurich



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Who are Northland CAPS students?

24.5

Average ACT



82%

4-Year College Bound

2 - 3

Average AP Courses



45% Female
55% Male

76%

3.0 or Above GPA

46%

3.5 or Above GPA

What do we do?

Goals and outcomes

- 1) Actively work to **lower cost and reduce time** to complete a college degree
- 2) Provide **applied and project-based learning** experiences for students
- 3) Students graduate with profession-based education made possible by **Missouri-based business partners**
- 4) Ensure **relevant academic programming** that maps to **in-demand** careers and networks

How do we do it?

Focus on economic development
via five “strands”

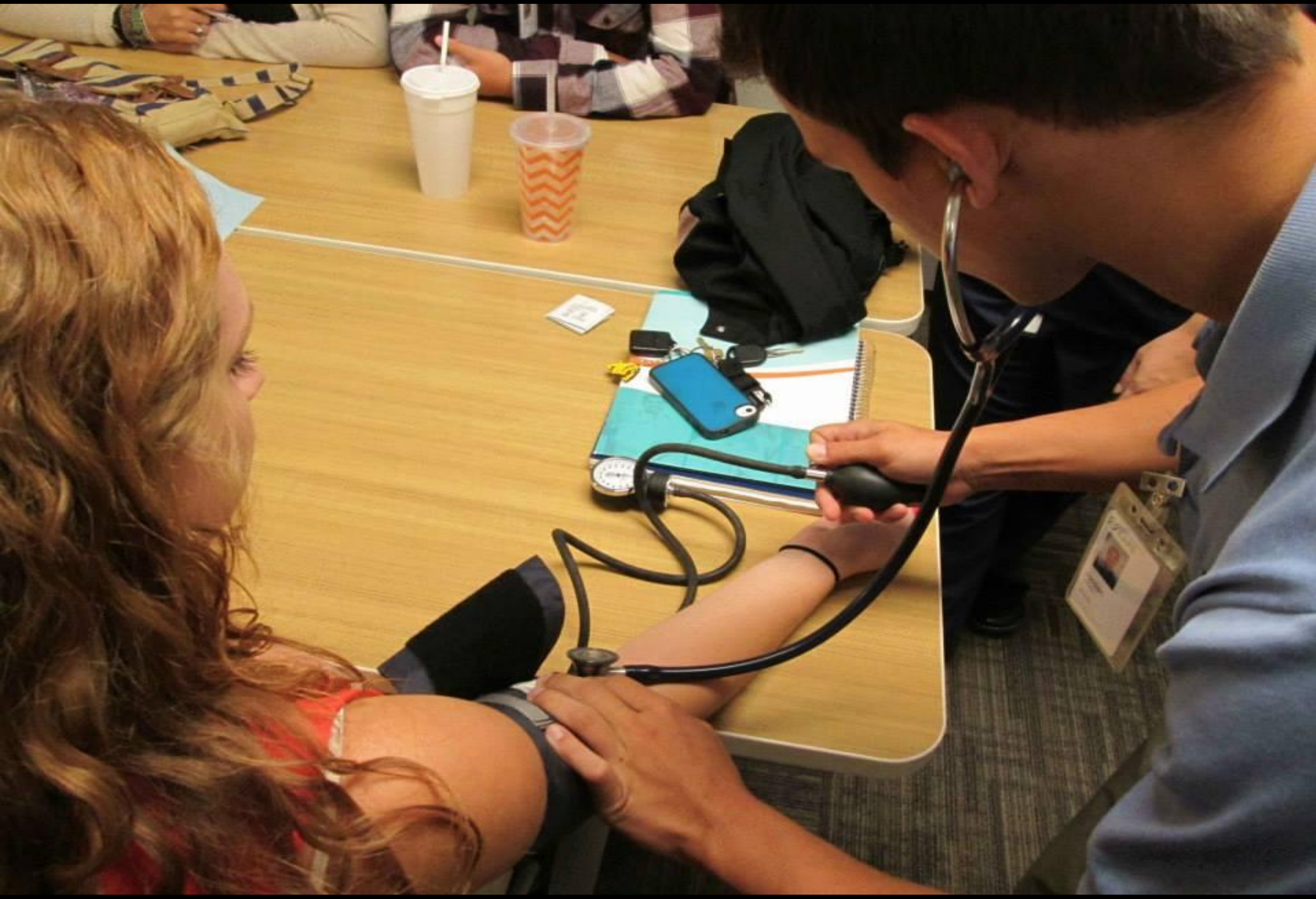
Engineering + Advanced Manufacturing



Global Business + Entrepreneurship



Medicine + Healthcare



Technology Solutions



Global Logistics + Transportation



Prototype curriculum

Rapid prototyping includes:

- ✓ **Project teams**
- ✓ **Subject matter experts**
- ✓ **Inputs and course prototype
(feedback and revision cycles)**
- ✓ **Key competencies**
- ✓ **Evaluation**



Other components

- ✓ Defined **faculty** roles and professional development activities
- ✓ Selection, enrollment and evaluation of **students**

Diverse staff



**Cadre of
Doctors &
Nurses**



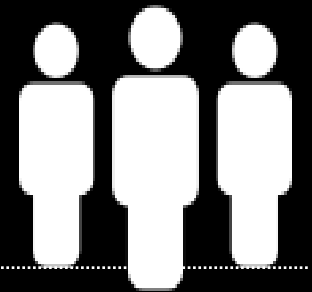
**Retired
corporate
executive**



**Sport
medicine
professional**



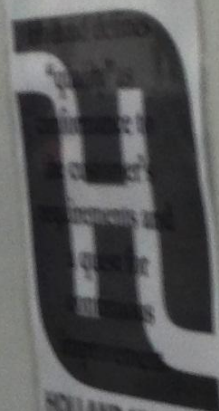
**Mechanical
engineer**



Technologist

Experiences include:

- ✓ Full immersion
- ✓ High school and college credit 2.5 hours every day
- ✓ Internships



HOLLAND 1916, INC.







Northland CAPS – Satellite Locations

A – Administrative Office
BankLiberty

B – Medicine and Healthcare
NKC Hospital

C – Technology Solutions
Cerner - Riverport

D – Global Business and
Entrepreneurship
BankLiberty

E – Medicine and Healthcare
Liberty Hospital

F – Engineering and Advanced Manufacturing
Holland 1916

G – Global Logistics and Transportation
WireCo



Focal point 2

Fast facts

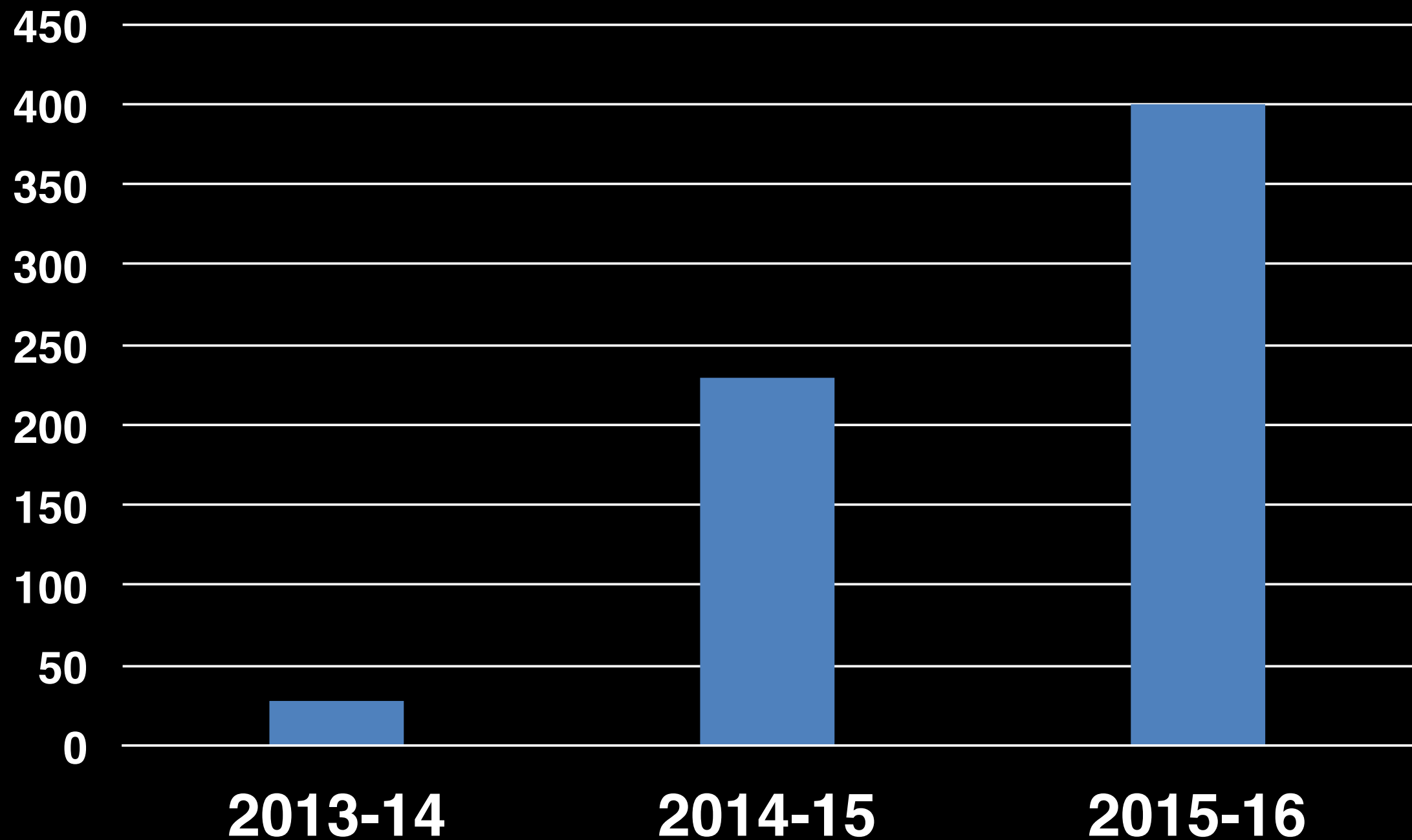
1 Designation

- ✓ **Innovation Education Partnership**
 - **Part of the Missouri Innovation Campus initiative**

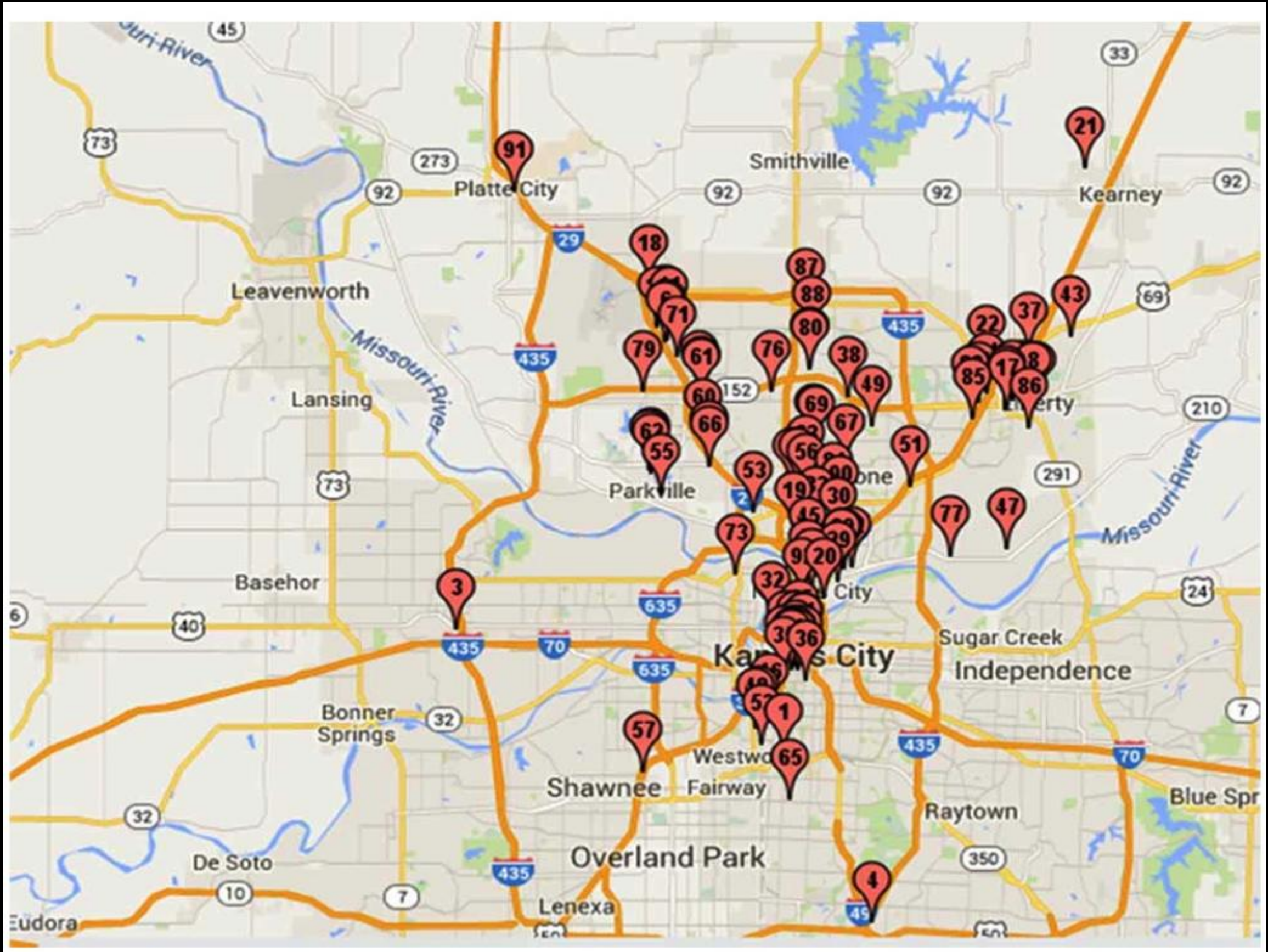
1 Partnership

- ✓ **7 school districts**
 - ✓ **2 higher education partners**
 - ✓ **200+ business partners**
-
- **Northland CAPS board members**

Northland CAPS – Student Enrollment



180 interns, 102 businesses



5 strands (priority occupational clusters)

- 1. Medicine and Healthcare**
(Health Care Sciences and Services)
 - 2. Global Business and Entrepreneurship**
(Financial and Professional Services)
 - 3. Engineering and Advanced Manufacturing**
(Advanced Manufacturing)
 - 4. Technology Solutions**
(Information Technology)
 - 5. Global Logistics and Transportation**
(Transportation and Logistics)
- **Future strands include Interactive Digital Media, Professional Education, and other STEM based programs**

75% of NCAPS graduates
with internship experience
receive **job offers**

100% of curriculum is tied to **economic
development and workforce
development**
and is eligible for
high school and college credit

Future of Northland CAPS

Innovation Education Partnership

- ✓ Continued **visioning** and goals commitment
- ✓ Continued **sharing**
- ✓ Continued articulation of **outcomes**
- ✓ Continued exploration of **funding patterns**
- ✓ Continued focus on **partners** focusing on **students** and **economic development/community development**

Focal point 3

Q & A